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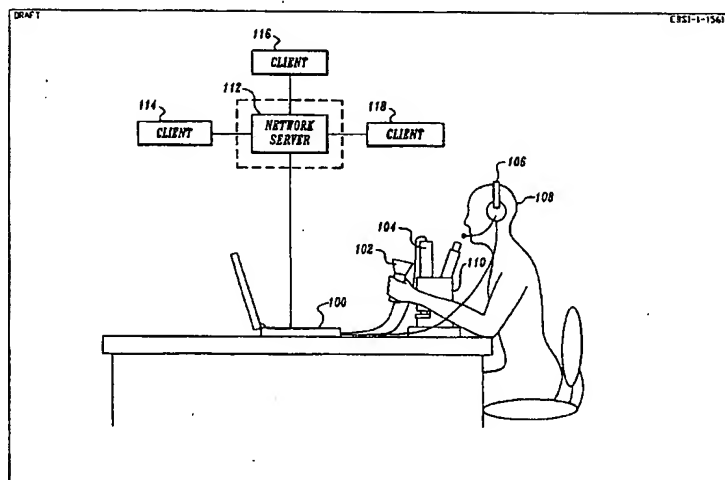
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(54) Title: **METHOD AND SYSTEM FOR CREATING A CRYSTALLIZATION RESULTS DATABASE**



(57) Abstract: Disclosed is a system and a method for depositing crystallization observations into a relational database. The system includes a computer, microscope, and a headset having a microphone and headphones. Crystallization observations are deposited into the database by verbal commands. Verbal commands also drive the crystallization apparatus plates to position the apparatus wells within the microscope field of vision. The system is integrated with a software application which enables the user to build the trials, matrices, solutions, and macromolecules to be used in the crystallization trials. The user is guided through the crystallization trial setup by a multitude of managers and builders of the software application. The software application also provides numerous tools to query the database and display results in a multitude of formats.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/21043

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01J49/02 G06F17/30 G01N23/205

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GRAY P M D ET AL: "Macromolecular structure information and databases" TIBS TRENDS IN BIOCHEMICAL SCIENCES, EN, ELSEVIER PUBLICATION, CAMBRIDGE, vol. 21, no. 7, 1 July 1996 (1996-07-01), pages 251-256, XP004050879 ISSN: 0968-0004 the whole document --- -/--	1,64,71, 73,87



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *&* document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>NIENHAUS G U ET AL: "A DATA COLLECTION SYSTEM FOR PROTEIN CRYSTALLOGRAPHY WITH AREA-SENSITIVE PROPORTIONAL COUNTERS" REVIEW OF SCIENTIFIC INSTRUMENTS,US,AMERICAN INSTITUTE OF PHYSICS. NEW YORK, vol. 62, no. 4, 1 April 1991 (1991-04-01), pages 1063-1066, XP000218243 ISSN: 0034-6748 the whole document</p>	<p>1,64,71, 73,87</p>

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